

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20090093061"	US-PGPUB; USPAT	OR	OFF	2010/05/26 19:03
S2	12	(tsai near2 heng) or (leung near2 eastwood)	US-PGPUB; USPAT	OR	OFF	2010/05/26 19:05
S3	5424	436/86.ccls. or 435/309.1.ccls. or 422/261. ccls. or 530/412.ccls.	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:08
S4	197	chaperone with substrate	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:08
S5	9	S3 and S4	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:09
S6	1325	groel	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:09
S7	43	S4 and S6	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:09
S8	3	S5 and S7	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:10
S9	96	chaperone with (bind\$4 or bound\$4 or immobili\$6) with substrate	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:12
S10	2	chaperone with (immobili\$6) with substrate	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:12
S11	30	S6 and S9	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:13
S12	54	chaperone with immobili\$6	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:17
S13	38	groel and groes and rubisco	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:40
S14	2	S12 and S13	US-PGPUB; USPAT	OR	OFF	2010/05/27 13:40
S15	79	(groel) and rubisco	US-PGPUB; USPAT	OR	OFF	2010/12/03 13:46
S17	62	S15 and (HSP or (heat near2 shock near2 protein))	US-PGPUB; USPAT	OR	ON	2010/12/03 13:46
S18	29	S17 and biotin	US-PGPUB; USPAT	OR	ON	2010/12/03 13:47
S19	79	groel and rubisco	US-PGPUB; USPAT	OR	OFF	2010/12/06 10:36
S20	35	groel same rubisco	US-PGPUB; USPAT	OR	OFF	2010/12/06 10:36
S21	1	S20 and (chaperon\$4 with immobili\$5 with substrate)	US-PGPUB; USPAT	OR	OFF	2010/12/06 10:36
S22	29	groel with rubisco	US-PGPUB; USPAT	OR	OFF	2010/12/06 10:41

EAST Search History (Prior Art)

S23	1	groel with rubisco with complex	US-PGPUB; USPAT	OR	OFF	2010/12/06 10:41
S24	2	"03061570"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/06 10:59
S26	10	"20040009530"	US-PGPUB; USPAT	OR	OFF	2010/12/06 11:03
S27	19	(groel with groes) and (immobili\$6 with substrate)	US-PGPUB; USPAT	OR	OFF	2010/12/06 11:16
S28	140	(groel with groes) and streptavidin	US-PGPUB; USPAT	OR	OFF	2010/12/06 11:18
S29	67	S28 and ((protein with separat\$5))	US-PGPUB; USPAT	OR	OFF	2010/12/06 11:18
S30	11	S28 and ((protein with separat\$5 with method))	US-PGPUB; USPAT	OR	OFF	2010/12/06 11:19
S31	18	(groel with groes) same (bead or chip or array or matrix)	US-PGPUB; USPAT	OR	OFF	2010/12/06 11:21
S32	24	(groel or "hsp60") and (integrin with motif)	US-PGPUB; USPAT	OR	OFF	2010/12/06 13:37
S33	35	(groel or "hsp60") and (thermosome)	US-PGPUB; USPAT	OR	OFF	2010/12/06 13:45
S34	68	((groel or "hsp60") same (mutagenesis or mutant or engineer\$4)) and (integrin)	US-PGPUB; USPAT	OR	OFF	2010/12/06 13:53
S37	72	((groel or "hsp60") same (mutagenesis or mutant or engineer\$4)) and (integrin or thermosome)	US-PGPUB; USPAT	OR	OFF	2010/12/06 13:53
S38	55	S37 and (substitution)	US-PGPUB; USPAT	OR	ON	2010/12/06 13:54
S39	47	S38 and (site with directed)	US-PGPUB; USPAT	OR	ON	2010/12/06 13:54
S40	3	S39 and (leucine near3 arginine)	US-PGPUB; USPAT	OR	ON	2010/12/06 13:55
S41	46	groel and groes and (rubisco or "Ribulose-1, 5-bisphosphate carboxylase oxygenase")	US-PGPUB; USPAT	OR	OFF	2010/12/06 14:14
S42	80	groel and (rubisco or "Ribulose-1, 5-bisphosphate carboxylase oxygenase")	US-PGPUB; USPAT	OR	OFF	2010/12/06 14:21
S43	11	groel same (rubisco or "Ribulose-1, 5-bisphosphate carboxylase oxygenase") same complex	US-PGPUB; USPAT	OR	ON	2010/12/06 14:21
S44	15	groel with CCT	US-PGPUB; USPAT	OR	OFF	2010/12/06 14:45
S45	27	groel same CCT	US-PGPUB; USPAT	OR	OFF	2010/12/06 14:51
S46	28	groel same (CCT or TCP near2 complex)	US-PGPUB; USPAT	OR	OFF	2010/12/06 14:52

EAST Search History (Prior Art)

S47	9	(US-20090093061-\$ or US-20020142369-\$ or US-20030077692-\$ or US-20050227287-\$ or US-20040009530-\$).did. or (US-6451541-\$ or US-7052917-\$ or US-7195925-\$ or US-5428131-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/12/06 14:54
S48	1	S47 and (tric\$1cct)	US-PGPUB; USPAT	OR	OFF	2010/12/06 14:55
S49	1	S47 and ((tric\$1cct) and GroEL)	US-PGPUB; USPAT	OR	OFF	2010/12/06 14:55
S50	415	groel and ((leucine near3 arginine) or (serine near3 glycine) or (proline near3 aspartate) or (tyrosine near3 isoleucine) or (leucine near3 isoleucine) or (leucine near3 phenylalanine) or (valine near3 leucine) or (valine near3 phenylalanine))	US-PGPUB; USPAT	OR	ON	2010/12/07 08:53
S51	234	S50 and ((site with direct\$4 with mutagen\$4))	US-PGPUB; USPAT	OR	OFF	2010/12/07 08:54
S52	4	S51 and (thermosome)	US-PGPUB; USPAT	OR	OFF	2010/12/07 08:54

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6100	436/86.ccls. or 435/309.1.ccls. or 422/261.ccls. or 530/412.ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/04/07 13:16
L2	1	1 and (groel and (leucine with arginine) and (serine with glycine) and (proline with aspartate))	US-PGPUB; USPAT; UPAD	OR	OFF	2011/04/07 13:17
L3	22	1 and (groel and (substitution\$4 or mutagen\$4))	US-PGPUB; USPAT; UPAD	OR	OFF	2011/04/07 13:17